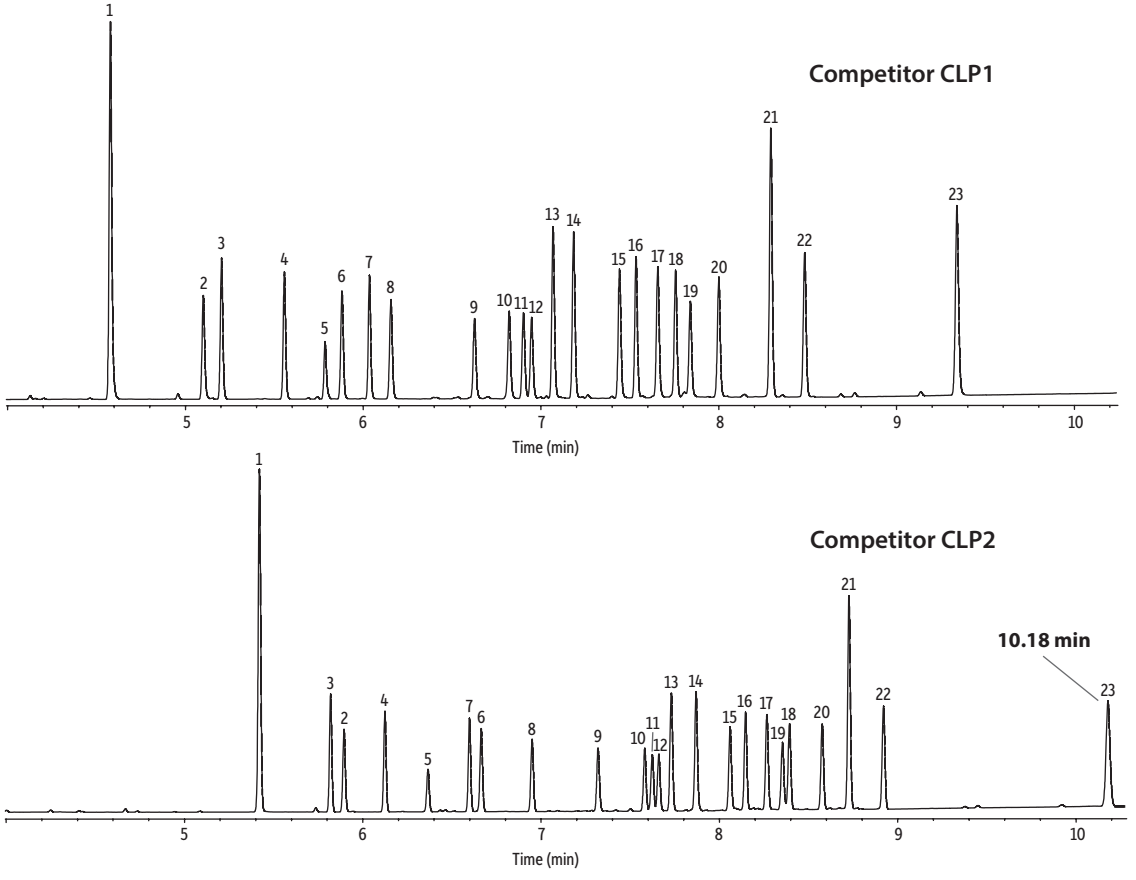
Organochlorine Pesticides (EPA Method 8081) on DB-CLP1 and DB-CLP2 Using Helium

Peaks	Conc. (ng/mL)	Peaks	Conc. (ng/mL)
1. Tetrachloro-*m*-xylene	20	13. 4,4'-DDE	10
2. Hexachlorobenzene	5	14. Dieldrin	10
3. α-BHC	5	15. Endrin	10
4. γ-BHC	5	16. 4,4'-DDD	10
5. β-BHC	5	17. Endosulfan II	10
6. Heptachlor	5	18. 4,4'-DDT	10
7. δ-BHC	5	19. Endrin aldehyde	10
8. Aldrin	5	20. Endosulfan sulfate	10
9. Heptachlor epoxide	5	21. Methoxychlor	50
10. *trans*-Chlordane	5	22. Endrin ketone	10
11. *cis*-Chlordane	5	23. Decachlorobiphenyl	20
12. Endosulfan I	5		



GC_EV1316

Columns	Competitor CLP1 30 m, 0.32 mm ID, 0.25 µm, and competitor CLP2 30 m, 0.32 mm ID, 0.5 µm, using Rxi guard column 5 m, 0.32 mm ID (cat.# 10039) with universal "Y" Press-Tight connector (cat.# 20406-261)
Sample	Organochlorine pesticide mix AB #2 (cat.# 32292) 2,4,5,6-Tetrachloro-*m*-xylene (cat.# 32027) Decachlorobiphenyl (BZ #209) (cat.# 32029) Hexachlorobenzene (cat.# 32231)
Diluent:	*n*-Hexane
Injection	
Inj. Vol.:	2 µL splitless (hold 0.75 min)
Liner:	Premium 4 mm single taper w/wool (cat.# 23303)
Inj. Temp.:	250 °C
Purge Flow:	50 mL/min

Oven	
Oven Temp.:	110 °C (hold 0.5 min) to 325 °C at 25 °C/min (hold 2 min)
Carrier Gas	He, constant flow
Linear Velocity:	64 cm/sec
Detector	Micro-ECD @ 340 °C
Make-up Gas Flow Rate:	50 mL/min
Make-up Gas Type:	N_2
Data Rate:	50 Hz
Instrument	Agilent/HP6890 GC

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